

FOR UTILITY/DESIGN
CIP/PCT NATIONAL/PLANT
ORIGINAL/SUBSTITUTE/SUPPLEMENTAL
DECLARATIONS

RULE 63 (37 C.F.R. 1.6)
DECLARATION AND POWER OF ATTORNEY
FOR PATENT APPLICATION
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PM & S
FORM

As a below named inventor, I hereby declare that my residence, post office address and citizenship are as stated below next to my name, and I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the INVENTION ENTITLED PROCESS FOR THE PREPARATION OF PANTOTHENIC ACID BY AMPLIFICATION OF NUCLEOTIDE SEQUENCES WHICH CODE FOR KETOPANTOATE REDUCTASE

the specification of which (CHECK applicable BOX(ES))
X → A. ☐ is attached hereto.
BOX(ES) → B. ☒ was filed on October 12, 1999 as U.S. Application No. 09/416,756
→ C. ☐ was filed as PCT International Application No. PCT/ / on
and (if applicable to U.S. or PCT application) was amended on ✓
I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose all information known to me to be material to patentability as defined in 37 C.F.R. 1.56. Except as noted below, I hereby claim foreign-priority benefits under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT International Application which designated at least one other country than the United States, listed below and have also identified below any foreign application for patent or inventor's certificate, or PCT International Application, filed by me or my assignee disclosing the subject matter claimed in this application and having a filing date (1) before that of the application on which priority is claimed, or (2) if no priority claimed, before the filing date of this application:

PRIOR FOREIGN APPLICATION(S)		Date first Laid- open or Published	Date Patented or Granted	Priority NOT Claimed
Number	Country	Day/MONTH/Year Filed		
19846499.1	Germany	9 October 1998		

If more prior foreign applications, X box at bottom and continue on attached page.

Except as noted below, I hereby claim domestic priority benefit under 35 U.S.C. 119(e) or 120 and 365(c) of the indicated United States applications listed below and PCT international applications listed above or below and, if this is a continuation-in-part (CIP) application, insofar as the subject matter disclosed and claimed in this application is in addition to that disclosed in such prior applications, I acknowledge the duty to disclose all information known to me to be material to patentability as defined in 37 C.F.R. 1.56 which became available between the filing date of each such prior application and the national or PCT international filing date of this application:

PRIOR U.S. PROVISIONAL, NONPROVISIONAL AND/OR PCT APPLICATION(S)	Status	Priority NOT Claimed
Application No. (series code/serial no.)	Day/MONTH/Year Filed	pending, abandoned, patented

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

And I hereby appoint Pillsbury Madison & Sutro LLP, Intellectual Property Group, 1100 New York Avenue, N.W., Ninth Floor, East Tower, Washington, D.C. 20005-3918, telephone number (202) 861-3000 (to whom all communications are to be directed), and the below-named persons (of the same address) individually and collectively my attorneys to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith and with the resulting patent, and I hereby authorize them to delete names/numbers below of persons no longer with their firm and to act and rely on instructions from and communicate directly with the person/assignee/attorney/firm/ organization who/which first sends/sent this case to them and by whom/which I hereby declare that I have consented after full disclosure to be represented unless/until I instruct the above firm and/or a below attorney in writing to the contrary.

Paul N. Kokulis	16773	Dale S. Lazar	28872	Mark G. Paulson	30793	Michael R. Dzwonczyk	36787
Raymond F. Lippitt	17519	Paul E. White, Jr.	32011	Stephen C. Glazier	31361	W. Patrick Bengtsson	32456
G. Lloyd Knight	17698	Glenn J. Perry	28458	Paul F. McQuade	31542	Jack S. Barufka	37087
Carl G. Love	18781	Kendrew H. Colton	30368	Ruth N. Morduch	31044	Adam R. Hess	41835
Kevin E. Joyce	20508	G. Paul Edgell	24238	Richard H. Zaitlen	27248		
George M. Sirilla	18221	Lynn E. Eccleston	35861	Roger R. Wise	31204		
Donald J. Bird	25323	Timothy J. Klima	34852	Jay M. Finkelstein	21082		
Peter W. Gowdey	25872	David A. Jakopin	32995	Anita M. Kirkpatrick	32617		

(1) INVENTOR'S SIGNATURE: Frank Elischwesi Date: 11/08/99

First	Middle Initial	Family Name
Residence	Leopoldshohe	Germany
City	State/Foreign Country	Country of Citizenship
Post Office Address	Eschenstrasse 19, D-33818 Leopoldshohe, Germany	
(include Zip Code)		

(2) INVENTOR'S SIGNATURE: Jorn Kalinowski Date: Nov. 09, 1999

First	Middle Initial	Family Name
Residence	Bielefeld	Germany
City	State/Foreign Country	Country of Citizenship
Post Office Address	Lenbachstrasse 19, D-33615 Bielefeld, Germany	
(include Zip Code)		

FOR ADDITIONAL INVENTORS, "X" box ☒ and proceed on the attached page to list each additional inventor.
☐ See additional foreign priorities on attached page (incorporated herein by reference).

DECLARATION AND POWER OF ATTORNEY

(continued)

ADDITIONAL INVENTORS:

(3) INVENTOR'S SIGNATURE:

Date:

Alfred		PUHLER	
First	Middle Initial	Family Name	
Residence	Bielefeld	Germany	Germany
City	State/Foreign Country		Country of Citizenship
Post Office Address	Am Waldschlosschen 2, D-33739 Bielefeld, Germany		
(include Zip Code)			

(4) INVENTOR'S SIGNATURE:

Date:

Nicole		DUSCH	
First	Middle Initial	Family Name	
Residence	Bielefeld	Germany	Germany
City	State/Foreign Country		Country of Citizenship
Post Office Address	Am Poggenpohl 38, D-33619 Bielefeld, Germany		
(include Zip Code)			

(5) INVENTOR'S SIGNATURE:

Date:

Jurgen		DOHMEN	
First	Middle Initial	Family Name	
Residence	Meerbusch	Germany	Germany
City	State/Foreign Country		Country of Citizenship
Post Office Address	Bretonenstrasse 20, D-40670 Meerbusch, Germany		
(include Zip Code)			

(6) INVENTOR'S SIGNATURE:

Date:

Mike		FARWICK	
First	Middle Initial	Family Name	
Residence	Bielefeld	Germany	Germany
City	State/Foreign Country		Country of Citizenship
Post Office Address	Gustav-Adolf-Strasse 11, D-33615 Bielefeld, Germany		
(include Zip Code)			

(7) INVENTOR'S SIGNATURE:

Date:

Georg		THIERBACH	
First	Middle Initial	Family Name	
Residence	Bielefeld	Germany	Germany
City	State/Foreign Country		Country of Citizenship
Post Office Address	Gunststrasse 21, D-33613 Bielefeld, Germany		
(include Zip Code)			

(8) INVENTOR'S SIGNATURE:

Date:

First	Middle Initial	Family Name	
Residence			
City	State/Foreign Country		Country of Citizenship
Post Office Address			
(include Zip Code)			

(9) INVENTOR'S SIGNATURE:

Date:

First	Middle Initial	Family Name	
Residence			
City	State/Foreign Country		Country of Citizenship
Post Office Address			
(include Zip Code)			

DECLARATION AND POWER OF ATTORNEY

(continuation)

ADDITIONAL INVENTORS:

(3) INVENTOR'S SIGNATURE:

Date:

Alfred		PUHLER	
First	Middle Initial	Family Name	
Residence	Bielefeld	Germany	Germany
City	State/Foreign Country		Country of Citizenship
Post Office Address	Am Waldschlosschen 2, D-33739 Bielefeld, Germany		
(include Zip Code)			

(4) INVENTOR'S SIGNATURE:

Date: 11-9-99

Nicole		DUSCH	
First	Middle Initial	Family Name	
Residence	Bielefeld	Germany	Germany
City	State/Foreign Country		Country of Citizenship
Post Office Address	Am Poggenpohl 38, D-33619 Bielefeld, Germany		
(include Zip Code)			

(5) INVENTOR'S SIGNATURE:

Date:

Jurgen		DOHMEN	
First	Middle Initial	Family Name	
Residence	Meerbusch	Germany	Germany
City	State/Foreign Country		Country of Citizenship
Post Office Address	Bretonenstrasse 20, D-40670 Meerbusch, Germany		
(include Zip Code)			

(6) INVENTOR'S SIGNATURE:

Date:

Mike		FARWICK	
First	Middle Initial	Family Name	
Residence	Bielefeld	Germany	Germany
City	State/Foreign Country		Country of Citizenship
Post Office Address	Gustav-Adolf-Strasse 11, D-33615 Bielefeld, Germany		
(include Zip Code)			

(7) INVENTOR'S SIGNATURE:

Date:

Georg		THIERBACH	
First	Middle Initial	Family Name	
Residence	Bielefeld	Germany	Germany
City	State/Foreign Country		Country of Citizenship
Post Office Address	Gunststrasse 21, D-33613 Bielefeld, Germany		
(include Zip Code)			

(8) INVENTOR'S SIGNATURE:

Date:

First	Middle Initial	Family Name	
Residence			
City	State/Foreign Country		Country of Citizenship
Post Office Address			
(include Zip Code)			

(9) INVENTOR'S SIGNATURE:

Date:

First	Middle Initial	Family Name	
Residence			
City	State/Foreign Country		Country of Citizenship
Post Office Address			
(include Zip Code)			

DECLARATION AND POWER OF ATTORNEY

(continued)

ADDITIONAL INVENTORS:

(3) INVENTOR'S SIGNATURE:

Date:

	Alfred		PUHLER
	First	Middle Initial	Family Name
Residence	Bielefeld	Germany	Germany
	City	State/Foreign Country	Country of Citizenship
Post Office Address	Am Waldschlosschen 2, D-33739 Bielefeld, Germany		
(include Zip Code)			

(4) INVENTOR'S SIGNATURE:

Date:

	Nicole		DUSCH
	First	Middle Initial	Family Name
Residence	Bielefeld	Germany	Germany
	City	State/Foreign Country	Country of Citizenship
Post Office Address	Am Poggenpohl 38, D-33619 Bielefeld, Germany		
(include Zip Code)			

(5) INVENTOR'S SIGNATURE:

Date:

	Jurgen		DOHMEN
	First	Middle Initial	Family Name
Residence	Meerbusch	Germany	Germany
	City	State/Foreign Country	Country of Citizenship
Post Office Address	Bretonenstrasse 20, D-40670 Meerbusch, Germany		
(include Zip Code)			

(6) INVENTOR'S SIGNATURE:

Date:

	Mike		FARWICK
	First	Middle Initial	Family Name
Residence	Bielefeld	Germany	Germany
	City	State/Foreign Country	Country of Citizenship
Post Office Address	Gustav-Adolf-Strasse 11, D-33615 Bielefeld, Germany		
(include Zip Code)			

(7) INVENTOR'S SIGNATURE:

Date:

	Georg		THIERBACH
	First	Middle Initial	Family Name
Residence	Bielefeld	Germany	Germany
	City	State/Foreign Country	Country of Citizenship
Post Office Address	Gunststrasse 21, D-33613 Bielefeld, Germany		
(include Zip Code)			

(8) INVENTOR'S SIGNATURE:

Date:

	First	Middle Initial	Family Name
Residence		Germany	Germany
	City	State/Foreign Country	Country of Citizenship
Post Office Address			
(include Zip Code)			

(9) INVENTOR'S SIGNATURE:

Date:

	First	Middle Initial	Family Name
Residence		Germany	Germany
	City	State/Foreign Country	Country of Citizenship
Post Office Address			
(include Zip Code)			

DECLARATION AND POWER OF ATTORNEY

(continued)

ADDITIONAL INVENTORS:

(3) INVENTOR'S SIGNATURE:

Date:

	Alfred		PUHLER
	First	Middle Initial	Family Name
Residence	Bielefeld	Germany	Germany
	City	State/Foreign Country	Country of Citizenship
Post Office Address	Am Waldschlosschen 2, D-33739 Bielefeld, Germany		
(include Zip Code)			

(4) INVENTOR'S SIGNATURE:

Date:

	Nicole		DUSCH
	First	Middle Initial	Family Name
Residence	Bielefeld	Germany	Germany
	City	State/Foreign Country	Country of Citizenship
Post Office Address	Am Poggenpohl 38, D-33619 Bielefeld, Germany		
(include Zip Code)			

(5) INVENTOR'S SIGNATURE:

Date:

	Jurgen		DOHMEN
	First	Middle Initial	Family Name
Residence	Meerbusch	Germany	Germany
	City	State/Foreign Country	Country of Citizenship
Post Office Address	Bretonenstrasse 20, D-40670 Meerbusch, Germany		
(include Zip Code)			

(6) INVENTOR'S SIGNATURE:

Date:

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	First	Middle Initial	Family Name
Residence	Bielefeld	Germany	Germany
	City	State/Foreign Country	Country of Citizenship
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(include Zip Code)			

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	City	State/Foreign Country	Country of Citizenship
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(include Zip Code)			

(8) INVENTOR'S SIGNATURE:

Date:

	First	Middle Initial	Family Name
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Post Office Address			
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(9) INVENTOR'S SIGNATURE:

Date:

	First	Middle Initial	Family Name
Residence			
	City	State/Foreign Country	Country of Citizenship
Post Office Address			
(include Zip Code)			

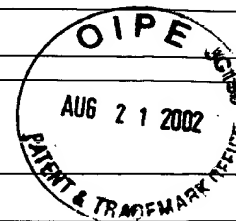
**FOR UTILITY/DESIGN
CIP/PCT NATIONAL
APPLICATIONS**

**SUPPLEMENTAL DECLARATION
UNDER RULE 67 (37 C.F.R. 1.57)**

As a below named inventor, I hereby declare that my residence, post office address and citizenship are as stated below next to my name, and I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter claimed in claims(s) No(s): _____

X one → 1. ☐ per Amendment filed
box only → 2. ☐ as allowed

and for which a patent is sought on the **INVENTION ENTITLED**
Process for the Preparation of Pantothenic Acid by Amplification of Nucleotide Sequences Which Code for Ketopantoate Reductase



the specification of which (CHECK applicable BOX(ES))
X one box → 3. ☒ was filed on October 6, 2000 as U.S. Application No. 0 9/ 680,310
or both → 4. ☐ was filed as PCT International Application No. PCT/ / on
and 5. (if applicable to U.S. or PCT application) was amended on (enter all Amendments)

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose all information known to me to be material to patentability as defined in 37 C.F.R. 1.56. Except as noted below, I hereby claim foreign priority benefits under 35 U.S.C. 119/365 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate filed by me or my assignee disclosing the subject matter claimed in this application and having a filing date (1) before that of the application on which priority is claimed, or (2) if no priority claimed, before the filing date of this application:

PRIOR FOREIGN APPLICATION(S) Number	Country	Day/MONTH/Year Filed	Date first Laid-open or Published	Date Patented or Granted	Priority NOT Claimed
DE 198 46 499.1	GERMANY	9 October 1998			<input type="checkbox"/>
					<input type="checkbox"/>
					<input type="checkbox"/>
					<input type="checkbox"/>
					<input type="checkbox"/>
					<input type="checkbox"/>
If more, "X" box at bottom and continue on attached page (incorporated by reference)					

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Except as noted below, I hereby claim domestic priority benefit under 35 U.S.C. 119/120/365 of the indicated United States applications listed below and PCT international applications listed above or below and, if this is a continuation-in-part (CIP) application, insofar as the subject matter disclosed and claimed in this application is in addition to that disclosed in such prior applications, I acknowledge the duty to disclose all information known to me to be material to patentability as defined in 37 C.F.R. 1.56 which became available between the filing date of each such prior application and the national or PCT international filing date of this application:

PRIOR U.S. PROVISIONAL, NONPROVISIONAL, AND/OR PCT APPLICATION(S) Application No. (series code/serial no.)	Day/MONTH/Year Filed	Status pending, abandoned, patented	Priority NOT Claimed
09/416,756	12 October 1999		<input type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

1. INVENTOR'S SIGNATURE: [Signature] Date 04/19/2002

Inventor's Name (typed) Frank ELISCHWESKI GERMANY
Residence (City) Leopoldshöhe (State/Foreign Country) GERMANY
Mailing Address Eschenstrasse 19, D-33818 Leopoldshöhe, GERMANY

2. INVENTOR'S SIGNATURE: [Signature] Date 04/17/2002

Inventor's Name (typed) Jorn KALINOWSKI GERMANY
Residence (City) Bielefeld (State/Foreign Country) GERMANY
Mailing Address Lenbachstrasse 19 D-33615 Bielefeld, GERMANY

3. INVENTOR'S SIGNATURE: [Signature] Date 04/17/2002

Inventor's Name (typed) Alfred PUHLER GERMANY
Residence (City) Bielefeld (State/Foreign Country) GERMANY
Mailing Address Am Waldschlosschen 2, D-33739 Bielefeld, GERMANY

4. INVENTOR'S SIGNATURE: _____ Date _____

Inventor's Name (typed) Nicole DUSCH GERMANY
Residence (City) Bielefeld (State/Foreign Country) GERMANY
Mailing Address Am Poggenpohl 38, D-33619, Bielefeld, GERMANY

(FOR ADDITIONAL INVENTORS, check box ☒ and attach sheet (PAT-118A) for each inventor.)
☐ See additional foreign priorities on attached page

**FOR UTILITY/DESIGN
CIP/PCT NATIONAL
APPLICATIONS**

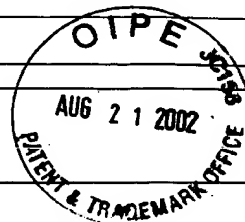
**SUPPLEMENTAL DECLARATION
UNDER RULE 67 (37 C.F.R. 1.67)**

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X one → 1. ☐ per Amendment filed
box only → 2. ☐ as allowed

(date)

and for which a patent is sought on the **INVENTION ENTITLED**
Process for the Preparation of Pantothenic Acid by Amplification of Nucleotide Sequences Which Code for Ketopantoate Reductase



the specification of which (CHECK applicable BOX(ES))

X one box → 3. ☒ was filed on October 6, 2000 as U.S. Application No. 0 9/ 680,310
or both → 4. ☐ was filed as PCT International Application No. PCT/ / on
and 5. (if applicable to U.S. or PCT application) was amended on

(enter all Amendments)

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose all information known to me to be material to patentability as defined in 37 C.F.R. 1.56. Except as noted below, I hereby claim foreign priority benefits under 35 U.S.C. 119/365 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate filed by me or my assignee disclosing the subject matter claimed in this application and having a filing date (1) before that of the application on which priority is claimed, or (2) if no priority claimed, before the filing date of this application:

PRIOR FOREIGN APPLICATION(S) Number	Country	Day/MONTH/Year Filed	Date first Laid-open or Published	Date Patent Granted	Priority NOT Claimed
DE 198 46 499.1	GERMANY	9 October 1998			<input type="checkbox"/>
					<input type="checkbox"/>
					<input type="checkbox"/>
					<input type="checkbox"/>
					<input type="checkbox"/>
					<input type="checkbox"/>
If more, "X" box at bottom and continue on attached page (incorporated by reference)					

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PRIOR U.S. PROVISIONAL, NONPROVISIONAL, AND/OR PCT APPLICATION(S) Application No. (series code/serial no.)	Day/MONTH/Year Filed	Status pending, abandoned, patented	Priority NOT Claimed
09/416,756	12 October 1999		<input type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

1. INVENTOR'S SIGNATURE: _____ Date _____

Inventor's Name (typed) Frank ELISCHWESKI GERMANY
Residence (City) Leopoldshohe (State/Foreign Country) GERMANY
Mailing Address Eschenstrasse 19, D-33818 Leopoldshohe, GERMANY

2. INVENTOR'S SIGNATURE: _____ Date _____

Inventor's Name (typed) Jorn KALINOWSKI
Residence (City) Bielefeld (State/Foreign Country) GERMANY
Mailing Address Lenbachstrasse 19, D-33615 Bielefeld, GERMANY

3. INVENTOR'S SIGNATURE: _____ Date _____

Inventor's Name (typed) Alfred PUHLER GERMANY
Residence (City) Bielefeld (State/Foreign Country) GERMANY
Mailing Address Am Waldschlosschen 2, D-33739 Bielefeld, GERMANY

4. INVENTOR'S SIGNATURE: Nicole Dusch Date 05/03/2002

Inventor's Name (typed) Nicole DUSCH GERMANY
Residence (City) Bielefeld (State/Foreign Country) GERMANY
Mailing Address Am Poggenpohl 38, D-33619, Bielefeld, GERMANY

(FOR ADDITIONAL INVENTORS, check box ☒ and attach sheet (PAT-118A) for each inventor.)

☐ See additional foreign priorities on attached page

5. INVENTOR'S SIGNATURE:

Date _____

6. INVENTOR'S SIGNATURE:

Date 04/15/2002

7. INVENTOR'S SIGNATURE:

Date 07/19/2002

8. INVENTOR'S SIGNATURE

Date _____

9. INVENTOR'S SIGNATURE

Date _____

10. INVENTOR'S SIGNATURE

Date _____

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